Pharmacognosy1 (final exam)

الجامعة الوطنية اب | قسم: الصيدلة | المستوى: الثالث

Question- 1:- /determine if this sentence true or false then put the correct answer into answering tabl
true (T) or false (F) **(10 marks)**

Q1- Answering table سيتم اعتماد الاجابه الخاصه بالسؤال الأول الموجوده في هذا الجدول فقط

1	2	3	4	5	6	7	8	9	10

1-Jaborandi leaves can be used as diaphoretic and as sialagogue and eye myotic for treatment of glaucoma ( )

2-The most active constituent in Belladonna leaves known as anthraquinone but in hyoscyamus known as alkaloids ( )

3-bucho leaves has choleretic activity, Antiseptic and diuretic can not be used during pregnancy and contraindicated for long-term chronic use as a diuretic ( )

4- Digitoxin is cumulative and highly toxic drug used for CHF and isolated from solanaceae family ( )

5-lobelia herb has similar action to nicotine and contains lobeleine as active ingredients ( )

6-Chondrus is dried bleached Thallus used as emulsifying agent for cod-liver oil and other oils ( )

7-ergometrine is volatile oil separated from ergot ( )

8-ephedrine is an alkaloid separated from Ephedra herb and acts as indirect parasympathomimetic. ( )

9-Preparations containing peppermint oil should not be used on the face, particularly the nose, of infants and small children due to the potential risk of spasms of the tongue or respiratory arrest ( )

10- Pyrethrum flower contains santonin which can be used as anthelmintic for round worms ( )

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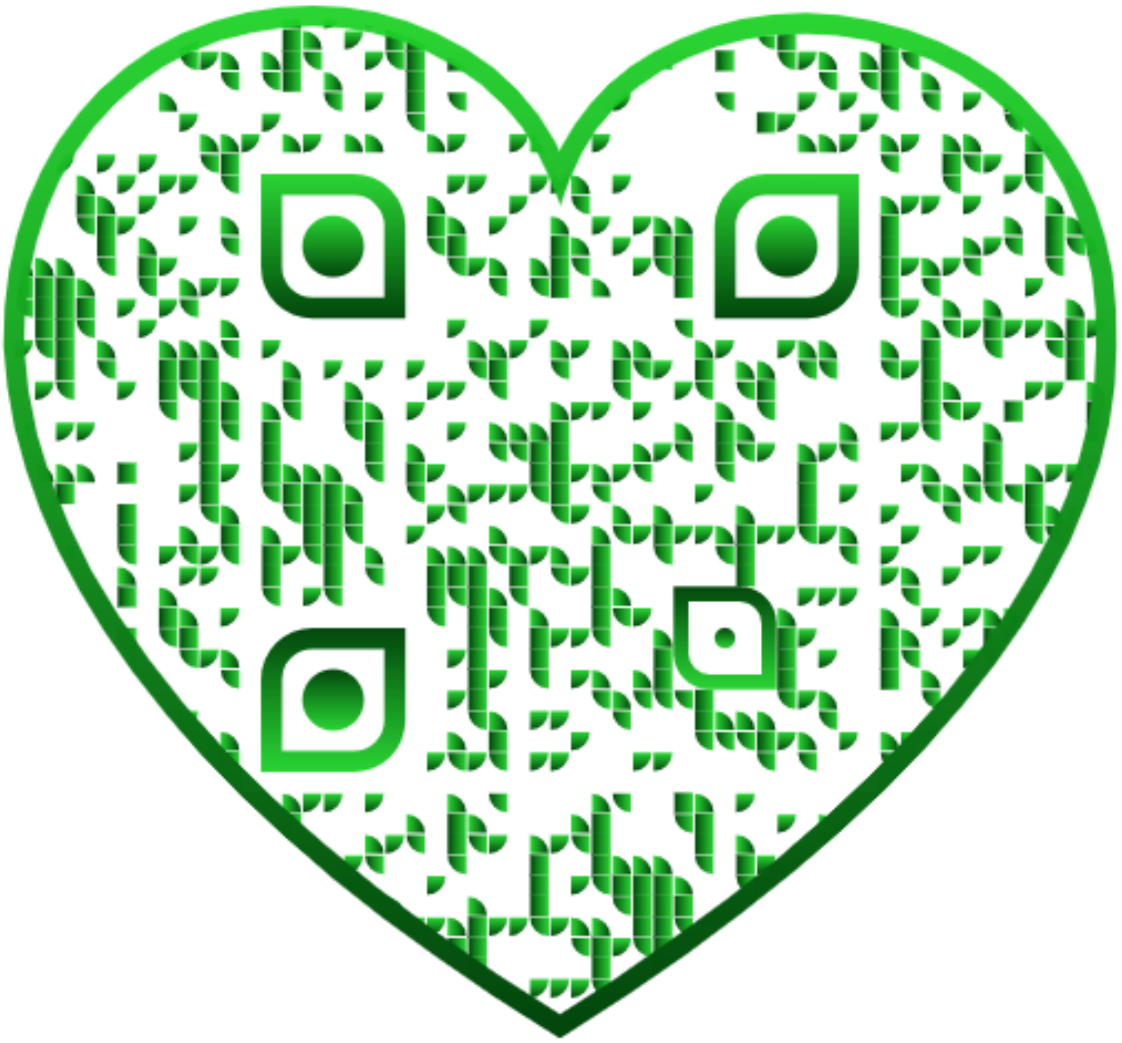

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Question 4:- fill the following common names with the appropriate botanical name by assistance of table (10 marks)

	Common name	Botanical name
1	Ephedra	Ephedra Sinica
2	Peppermint	
3	Roman chamomile	
4	Carragheen	
5	Ergot	
6	Alexandrian Senna	Cassia angustifolia
7	Foxglove	Digitalis purpurea
8	Buchu	Barosma betuline
9	Jaborandi	Pilocarpus jaborandi
10	Coca	

Assistance table

Allium sativum	*Claviceps purpurea*	*Lobelia inflate*
Ammi visnaga	*Commiphora molmol*	*Mentha piperita*
Anthemis nobilis	*Cuminum cyminum*	*Myristica Fragrans*
Astragalus gummifer	*Datura stramonium*	*Peucedanum graveolens*
Atropa belladonna	*Digitalis purpurea* –	*Peumus boldus*
Barasma betulina	*Discorea vilosa*	*Pilocarpus jaborandi*
Cannabis sativa	*Ephedra sinica* –	*Ricinus communis*
Cassia angustifolia	*Hyoscyamus muticus*	*Strophanthus kombe*
Catharanthus roseus	*Hyoscyamus niger*	*Strychnos nux vomica*
Cetraria islandica	*Illicum verum*	*Thymus vulgaris*
Chondrus crispus	*Linum usitatissimum*	*Trigonella foenumgraecum*

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Question- 2:- /select the appropriate answer then move it to the answering table (marks)

Q2- Answering table سيتم اعتماد الاجابه الخاصه بالسؤال الثاني الموجوده في هذا الجدول فقط										
1	2	3	4	5	6	7	8	9	10	
a										

1- Senna acts as laxative or purgative because of:

a- it contains Glycosides b- it contains tannins
c- mucilages d- none of the above

2- Potassium deficiency can be occurred when....

a- Concurrent use of cardiac glycosides with Senna leaves
b- Concurrent use of diuretics with Senna leaves
c- All of the above d- None of the above

3- Digitalis leaves are:-

a- Cardiotonic and diuretic. b- not used in most forms of cardiac insufficiency
c- Administered with less care. d- None of the above

4- Scopolamine is

a- a central nervous system stimulant b- An alkaloid
c- Isolated from belladonna in high amounts d- All of the above

5-all the following plants can be used as anti-spasmodic except:

a- Belladona b- Peppermint c- Senna d- Thymus

6- The following plant can be used as an adultrant for purple foxoglove leaves

a- argel leaves b- Primrose leaves c- Grecian Foxglove leaves d- none of the above

7- In pharmacognosy the herb is:

a- indicates a drug composed usually of the tender parts of the plant axis, leaves, flowers and fruits
b- a plant whose stem does not become woody and permanent but dies at least down to the ground
c- All of the above d- non of the above

8- Thyme is used in folk medicine as

a- carminative b- digestive c- antispasmodic. d- all of the above

9- The following herbs contains volatile oils as the major constituent except

a- Peppermint b- Thyme c- Ephedra d- None of the above

10- this chemical test used for identity of volatile oils of thymus

a- Borntrager b- beam's reagent c- Vitali's test d- sudan III.

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Question 3:- matching the answer between the following tables A&B and move the answer to the answer table below (10 marks)

Q3- Answering table سيتم اعتماد الاجابه الخاصه بالسؤال الثالث الموجوده في هذا الجدول فقط										
A	B	C	D	E	F	G	H	I	J	

TABLE (A)	
A	This chemical test used to detect cardiac glycoside
B	This chemical test used to detect solanaceous alkaoids
C	This alkaloid effective in the prevention and control of motion sickness.
D	The choleretic activity of this leaves has been atributed to the aporphine alkaloid
E	Leaves of this plant can be used As an anaphrodisiac, also used in air and motion sickness
F	Leaves of this plant can be used As antidote for atropine or Belladonna poisoning.
G	this alkaloid has anticancer activity and isolated from Catharanthus
H	Herbs containing Volatile Oil contraindicated in case of gallstones and severs liver damage
I	is now a significant complementary therapy involving the use of volatile oils to heal or improve wellbeing
J	The therapeutic dose of this compound is very close to the toxic dose.

TABLE (B)	
1	Hyoscine
2	Thymus
3	Boldo
4	Baljet test
5	lobeline
6	Vinblastine
7	HYOSCYAMUS MUTICUS
8	Aromatherapy
9	Vitali's test
10	Jaborandi

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